

Converting Colors

CIELCh(52, 4.115, 290.706)

Have a look what the booklet for
CIELCh(52, 4.115, 290.706) contains.

CIELCh(52, 4.653, 290.775)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 4.653, 290.775)

Conversions

Conversions Part 1

Format	Color
Hex	7B7B83
RGB	123, 123, 131
RGB Percent	48%, 48%, 51%
CMY	0.5162, 0.5162, 0.4848
CMYK	0.06, 0.06, 0.00, 0.48
HSL	240°, 3%, 50%
HSV	240°, 6%, 52%
XYZ	19.4718, 20.1443, 24.4672
YIQ	123.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

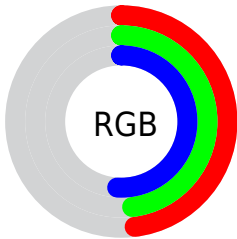
Format	Color
RYB	123, 123, 131
Decimal	8092547
CIELab	52.00, 1.65, -4.35
CIELCh	52, 4.653, 290.775
Yxy	20.1443, 0.3039, 0.3143
Android (android.graphics.Color)	4286282627 (0xFF7B7B83)
YUV	123.9120, 3.4944, -0.7998
Hunter-Lab	44.8824, -1.1036, -0.9036

Details

The CIELCh color $52, 4.653, 290.775$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 4.581, 109.598$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 4.910, 290.670$, and $32, 5.081, 291.094$ is the 20% darker color. If you saturate the color by 10%, you get $47, 12.518, 291.853$, and if you desaturate by 10%, it is $57, 2.916, 109.806$.

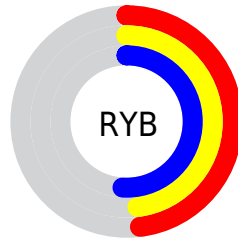
Distribution



Red (48%)

Green (48%)

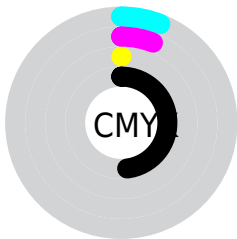
Blue (51%)



Red (48%)

Yellow (48%)

Blue (51%)

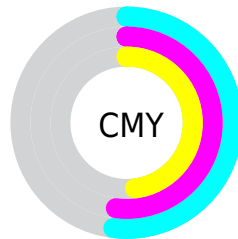


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (48%)



Cyan (52%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 4.653, 290.775 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 52, 4.653, 290.775 by changing the saturation by 10% instead.

■ 52, 4.653, 290.775

■ 52, 4.653, 290.775

■ 100, 4.653,
290.775

■ 42, 4.653, 290.775

■ 72, 4.653, 290.775

■ 32, 4.653, 290.775

■ 82, 4.653, 290.775

■ 22, 4.653, 290.775

■ 92, 4.653, 290.775

■ 12, 4.653, 290.775

■ 2, 4.653, 290.775

■ 0, 4.653, 290.775

■ 52, 4.653, 290.775

■ 52, 4.653, 290.775

■ 47, 12.518,
291.853

■ 57, 2.916, 109.806

■ 61, 10.207,

42, 20.706,
293.135

109.021

38, 29.238,
294.633

66, 17.242,
108.339

33, 38.118,
296.363

71, 24.038,
107.752

28, 47.308,
298.315

75, 30.610,
107.244

24, 56.646,
300.425

80, 36.973,
106.803

20, 65.707,
302.542

84, 43.141,
106.419

17, 73.640,
304.404

89, 49.124,
106.083

14, 79.511,
305.764

93, 54.935,
105.787

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52, 4.653, 290.775



55, 4.581, 109.598

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52, 4.653, 290.775



52, 4.653, 340.775



52, 4.653, 110.775



52, 4.653, 160.775

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52, 4.652, 290.765



69, 1.884, 290.390



54, 3.119, 197.798



36, 1.080, 290.379



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 4.652, 290.765



66, 6.637, 290.872



52, 4.910, 308.729



26, 3.478, 290.888



13, 81.186, 306.283



0, 1.028, 290.169

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52, 3.232, 19.622



66, 4.622, 19.709



54, 4.859, 128.242



26, 2.423, 19.720



26, 62.112, 38.500



0, 0.707, 19.387

Previews

White Background



This preview shows how the CIELCh color 52, 4.653, 290.775 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 52, 4.653, 290.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

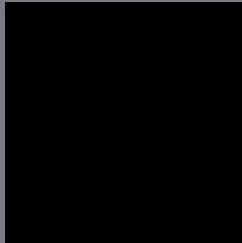
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 4.653, 290.775

Background



This preview shows how black text looks on a background with the CIELCh color 52, 4.653, 290.775.



This preview shows how white text looks on a background with the CIELCh color 52, 4.653, 290.775.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


52, 4.653, 290.775

Protanopia

52, 4.675, 295.556

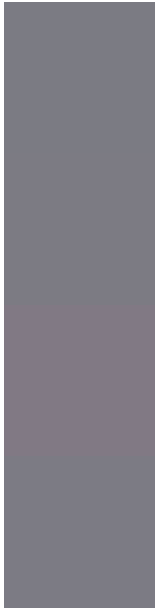
Deuteranopia

52, 8.467, 324.899



Tritanopia
52, 5.833, 294.723

Trichromacy



Original Color

52, 4.653, 290.775

Protanomaly

52, 4.675, 295.556

Deuteranomaly

52, 7.162, 316.909

Tritanomaly

52, 5.254, 295.086

Monochromacy



Original Color

52, 4.653, 290.775

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.746, 290.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 4.653, 290.775 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(123, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(123, 123, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(123, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 123, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 4.653, 290.775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 123, 131) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(123, 123, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(123, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(123, 123,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 4.653, 290.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 123, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(123,  
123, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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